Event

MPTS
INTERMEDIATE E-2/C-2 AND AJET
CQL 4390
T-45

Mission

CARRIER QUALIFICATION LANDING
SOLO CHECK FLIGHT

0.6 HOURS/X

ORM

CQL 4390

- **OPERATIONAL REQUIREMENTS / LIMITATIONS**
  - **CREW REST/ CREW DAY / WORK WEEK**
  - **WARM-UP ELIGIBILITY**
  - **PREVIOUS FLIGHT COMPLETE?**
  - **IP CURRENCY**
  - **READ AND INITIAL**

- **HUMAN FACTORS**
  - **LIFE STRESSORS / EXTERNAL FACTORS/ PERSONAL PROBLEMS**
  - **MEDICAL STATUS**
    - **CREW DAY**
    - **CREW REST**
    - **NOURISHMENT**
    - **HYDRATION**

- **HAZARDS AND CONTROLS**
  - **ROUTINE**
  - **WEATHER**
    - **CURRENT OBSERVATIONS AND FORECASTS**
    - **CROSSWINDS**
    - **FUEL CONSIDERATIONS**

TTO

CQL 4390

- **WHO WILL CALL A TTO?**

- **WHAT SITUATIONS WILL THE TTO BE CALLED?**
  - **SAFETY**
  - **CONFUSION**
  - **MISUNDERSTANDING**

- **IP RESPONSIBILITIES**
  - **RECOGNIZE THE NEED FOR A TTO**
  - **EXPLANATION / INSTRUCTION AS NECESSARY**
  - **DOCUMENTATION ON ATF**

- **WHEN AND HOW WILL TRAINING RESUME?**

SSR/DISCUSS ITEMS

CQL 4390

- **SPECIAL SYLLABUS REQUIRMENTS:**
  - **NONE**

- **PREREQUISITES:**
  - **CQL 4211**
  - **CQL 3102**
  - **CQL 2101**

- **DISCUSS ITEMS:**

  CQL 4390
  - **NATOPS/SOP/EP QOD**

SYLLABUS NOTES

CQL 4390

A. UP TO THREE FCLP/CQL EVENTS MAY BE SCHEDULED PER DAY.

B. CQL 4390 SHALL NOT BE SHOTGUNNED FOR ANY REASON.

C. LANDING GRADES ARE AT THE SOLE DISCRETION OF THE LSO'S.

ADMIN (CARD)

CQL 4390

- **A/C – ATC C/S – CREW**
- **BRIEF / WALK / TAKEOFF / LAND TIMES**
- **ATC CLEARANCE / DD-175**
- **FUEL PLAN/LADDER**
- **LINE / T/O / ABORT / RPM**
- **COMM PLAN**
- **NAV PLAN**

ADMIN

CQL 4390

- **LAUNCH**
  - **WEATHER / NOTAMS / TFR / BASH**
  - **PREFLIGHT / START / TAXI**
  - **ITO**
  - **SWAPPING OF CONTROLS**
  - **ENROUTE PROCEDURES**
  - **RADALT USAGE**

- **RTB**
  - **RECOVERY**
  - **DIVERTS**

CONDUCT

CQL 4390

- **TIMS RESUME REVIEW**

- **PRACTICE:**
  - **CHECKLISTS/COMM/GROUND OPS**
  - **TAKEOFF/DEPARTURE/FLIGHT ADMIN**
  - **TAKEOFF**
  - **DEPARTURE**
  - **DESCENT/FIELD ENTRY**
  - **FCLP PATTERN**
  - **START POSITION**

CONDUCT

CQL 4390

- **PRACTICE CONTINUED:**
  - **AOA CONTROL**
  - **GLIDESLOPE CONTROL**
  - **POWER CONTROL**
  - **LINEUP CONTROL**
  - **ERROR DETECTION/CORRECTION**
  - **RESPONSE TO LSO CALLS**
  - **BOLTER/TOUCH-AND-GO TECHNIQUE**
  - **WAVEOFF TECHNIQUE**
  - **FULL-STOP LANDING**

BLOCK MIF

CQL 4390

CTS REF	MANEUVER	CQL4390
1	General Knowledge/Procedures	4+
2	Emergency Procedures	4
3	Headwork/ Situational Awareness	4+
4	Basic Airwork	4+
5	Mission Planning/Briefing/ Debriefing	4+
6	Communications	4+
7	Ground Operations	4+
8	Flight Admin	4+
10	Takeoff	4+
11	Departure	4+
13	Descent/Field Entry	4+
52	FCLP Pattern	4+
52	Start Position	4+
52	AOA Control	4+
52	Glideslope Control	4+
52	Power Control	4+
52	Lineup Control	4+
52	Error Detection/Correction	4+
52	Response to LSO Calls	4+
52	Bolter/Touch-and-Go Technique	4+
52	Waveoff Technique	4+
23	Full-Stop Landing	4+

Emergencies

CQL 4390

- **GROUND EMERGENCIES**
- **CLEAR ENGINE PROCEDURE**
- **ABORT**
- **RWY DEP / GND EJECTION**
- **RADIO/ICS FAILURE**
- **LOSS OF NAVAIDS**
- **LOST PLANE**
- **SYSTEM FAILURES**
- **DISORIENTATION**
- **BIRD STRIKE/ MIDAIR**
- **SAR PROCEDURES**
- **EJECTION**
- **AIRCREW COORDINATION**

STANDARD DEBRIEFING FORMAT

CQL 4390

- THE FLIGHT LEAD OR PILOT-IN-COMMAND IS RESPONSIBLE FOR ENSURING ALL FLIGHT OR CREWMEMBERS ARE THOUROUGHLY DEBRIEFED ON THE CONDUCT OF THE MISSION UTILIZING THE "S-P-B-E-MS-LL" FORMAT OUTLINED BELOW.

I. SAFETY
II. PLANNING
III. BRIEF
IV. EXECUTION
V. MISSION SUCCESS
VI. LESSONS LEARNED